



# भारत का राजपत्र The Gazette of India

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No. 50] NEW DELHI, SATURDAY, DECEMBER 11, 1993 (AGRAHAYANA 20, 1915)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके  
[Separate paging is given to this Part in order that it may be filed as a separate compilation]

## भाग III—खण्ड 2 [PART III—SECTION 2]

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएँ और नोटिस  
[Notifications and Notices Issued by the Patent Office relating to Patents and Designs]

THE PATENT OFFICE

PATENTS AND DESIGNS

Calcutta, the 11th December 1993

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1—367 G1/93

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61, Wallajah Road,  
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(1007)

## पेटेंट कार्यालय

एकत्र तथा अभिकल्प

कलकत्ता, दिनांक 11 दिसम्बर 1993

पेटेंट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार

पेटेंट कार्यालय का प्रधान कार्यालय कलकत्ते में अवस्थित है तथा बम्बई, दिल्ली एवं मद्रास में इसके शाखा कार्यालय हैं, जिनके प्रादेशिक क्षेत्राधिकार जोन के आधार पर निम्न रूप में प्रवर्णित हैं :—

पेटेंट कार्यालय शाखा, टोडो इस्टेट,  
तीसरा तल, लोअर परगना (पश्चिम),  
बम्बई-400013।

गुजरात, महाराष्ट्र तथा मध्य प्रदेश राज्य  
क्षेत्र एवं संघ शासित क्षेत्र गोवा, दमन तथा  
दीव एवं दादरा और नगर हवेली।

तार पता—“पेटेंटोफिस”

पेटेंट कार्यालय शाखा,  
एकक सं. 401 से 405, तीसरा तल,  
नगरपालिका बाजार भवन,  
मरस्वती मार्ग, करोल बाग,  
नई दिल्ली-110005।

हरियाणा, हिमाचल प्रदेश, जम्मू तथा कश्मीर,  
पंजाब, राजस्थान तथा उत्तर प्रदेश राज्य क्षेत्रों  
एवं संघ शासित क्षेत्र चंडीगढ़ तथा दिल्ली।

तार पता—“पेटेंटोफिस”

पेटेंट कार्यालय शाखा,  
61, बालाजाह रोड,  
मद्रास-600002।

आन्ध्र प्रदेश, कर्नाटक, कोरल, तमिलनाडु राज्य  
क्षेत्र एवं संघ शासित क्षेत्र पाण्डिचेरी, लक्षद्वीप,  
मिनिक्काय तथा एमिनिदिक् द्वीप।

तार पता—“पेटेंटोफिस”

पेटेंट कार्यालय (प्रधान कार्यालय),  
निजाम पैलेस, द्वितीय बहुतलीय कन्यालय,  
भवन 5, 6 तथा 7वां तल,  
234/4, आचार्य जगदीश बोस रोड,  
कलकत्ता-700020।

भारत का अवशेष क्षेत्र।

तार पता—“पेटेंटोफिस”

पेटेंट अधिनियम, 1970 वा पेटेंट नियम, 1972 में अपेक्षित सभी आवेदन-पत्र, सूचनाएं, विवरण या अन्य प्रलेख पेटेंट कार्यालय के केवल उपयुक्त कार्यालय में ही प्राप्त किए जाएंगे।

सूचक :—सूचकों की अदाबगी या तो नकद की जाएगी अथवा उपयुक्त कार्यालय में नियंत्रक को भूतान योग्य भनादेश अथवा डाक जादेश या जहां उपयुक्त कार्यालय अवस्थित है; उस स्थान के अनुसूचित बैंक से नियंत्रक को भूतान योग्य बैंक डाफ्ट अथवा बैंक द्वारा की जा सकती है।

## APPLICATION FOR PATENT FILED AT THE HEAD OFFICE AT 234/4, ACHARYA JAGADISH BOSE ROAD, CALCUTTA-20

The dates shown in the crescent brackets are the dates claimed under section 135, of the Patents Act, 1970.

14th October 1993

- 609/Cal/93. Ajit Kumar Pal. Thruster Jet Pump for Dredging and its application.
- 610/Cal/93. PWH Anlagen & Systeme GMBH. Device for the Loading and/or unloading of piece goods.
- 611/Cal/93. Armco Inc. Method for producing a regular grain oriented electrical steel using a single stage cold reduction.
- 612/Cal/93. Degussa Aktiengesellschaft. Process for the production of 1, 2-and 1, 3-Propanediol.
- 613/Cal/93. Degussa Aktiengesellschaft. Process for the production of acrolein.
- 614/Cal/93. Bavaria-Tech Werner Schlattl. Electrode Holder and electric sensor.
- 615/Cal/93. The Broken Hill Proprietary Company Limited. Hydroalkylation of aromatic hydrocarbons.  
(Convention No. PL 5270; Filed on 15-10-92; Australia).

15th October 1993

- 616/Cal/93. Siemens Aktiengesellschaft. Method for correcting axle counting errors in railway systems and device for carrying out the method.
- 617/Cal/93. Degussa Aktiengesellschaft. Exhaust Gas purification system for reducing hydrocarbon emissions during the cold start of combustion engines.
- 618/Cal/93. Texaco Development corporation. Ebullated bed hydroprocessing of petroleum distillates.
- 619/Cal/93. The Research Foundation for microbial diseases of Osaka university. Non-A, Non-B, Hepatitis virus Genomic cDNA and antigen polypeptide. (Divided out of No. 9/Cal/91; antedated to 1-1-91).
- 620/Cal/93. The Research foundation for microbial diseases of Osaka university. Non-A, Non-B, Hepatitis virus Genomic cDNA and Antigen Polypeptide. (Divided out of No. 9/Cal/91; antedated to 1-1-91).
- 621/Cal/93. Oxymax industries corporation. Apparatus and method for enriching liquid with gas.

18th October 1993

- 622/Cal/93. Degussa Aktiengesellschaft. Continuous process for the production of methionine or methionine Derivatives.

623/Cal/93. Siemens Aktiengesellschaft. Method of diagnosis for a plant process.

624/Cal/93. McNeil-PPC, Inc. Packaging material having at least one line of weakness and process and apparatus for producing it.

625/Cal/93. Siemens Aktiengesellschaft. Diagnosis system for a plant.

626/Cal/93. Vesta Medicines (Pty.) Limited. Compositions for the treatment and prophylaxis of metabolic disturbances in infants. (Convention No. 922224.3 dated 22-10-92; Great Britain).

627/Cal/93. Vesta Medicines (Pty.) Limited. Pharmaceutical preparations for lowering homocysteine levels. (Convention No. 922224.1; dated 22-10-92; Great Britain).

19th October 1993

628/Cal/93. Ram Nagina Rai. Iron Removal Plant (for medium concentration of iron in water).

629/Cal/93. Ram Nagina Rai. Development model for rural sector.

630/Cal/93. Ram Nagina Rai. Low Cost Housing.

631/Cal/93. Hoechst Aktiengesellschaft. New Copolymers, Mixtures thereof with poly (meth) acrylate esters and the use thereof for improving the cold fluidity of crude oils. (Divided out of No. 1036/Cal/89; antedated to 14-12-89).

632/Cal/93. SKF Textilmaschinen-Komponenten GmbH. Top apron cradle for drafting systems spinning machines.

633/Cal/93. Combustion engineering, Inc. Integrated low No. Tangential firing system.

634/Cal/93. Hoechst Aktiengesellschaft. New Copolymers, Mixtures thereof with Poly (Meth) Acrylate esters and the use thereof for improving the cold fluidity of crude oils. (Divided out of No. 1036/Cal/89; antedated to 14-12-89).

APPLICATIONS FOR PATENTS FILED AT THE  
PATENT OFFICE BRANCH, 61, WALLAJAH ROAD,  
MADRAS-600 002

11th October 1993

722/MAS/93. La Francaise Des Jeux. A system for acquiring and playing back a sequence of animated video images in real time.

723/MAS/93. Japan Exlan Company Limited. Process for recovering thiocyanate.

724/MAS/93. Zanussi Elettrodomestici S.p.A. Washing machine with a casing in the form of inter-engaging half-shells.

725/MAS/93. Arbitor Technologies, I.L.C. Tailings retreatment.

726/MAS/93. Owens-Illinois Closure Inc. Closure assembly and method of making same using expoxidized natural oil in a low fusing, curable plastisol. (May 17, 1989; Canada) (Divisional to Patent Application No. 942/MAS/89).

727/MAS/93. Caterpillar Inc. Piston assembly with distributed loading and centrally fastened wrist pin.

12th October 1993

728/MAS/93. Akkaligunta Girikumar. Sunadh pencil holder.

729/MAS/93. Ghrivas Viswanath Shet. The scientific reason with proof behind the occurrence of earthquakes.

730/MAS/93. Kimberly-Clark Corporation. Absorbent article having a foam baffle.

13th October 1993

731/MAS/93. GAF-Huls Chemie GmbH. Process for the molecular weight polyesters.

732/MAS/93. Zamussi Elettrodomestici SPA. Method for fabricating a plastic drum and drum obtained thereby.

733/MAS/93. Palitex Project-Company GmbH. Method and device for manufacturing twice.

734/MAS/93. Narayana Thevar Sabapathy. A device for selectively directing and controlling the flow path of a fluid, and a method of cleaning machinery therewith.

14th October 1993

735/MAS/93. Sri Chitra Tirunal Institute for Medical Sciences & Technology. The ventilator alarm.

736/MAS/93. Medvelop AB. Anchoring element supporting prostheses or a joint mechanism for a reconstructed joint.

737/MAS/93. Caschem, Inc. Celled oil compositions.

738/MAS/93. Nicholas G Varveris. Frame for eyeglasses.

15th October 1993

739/MAS/93. Robert Converse Brady III; Frederick John Karol; Timothy Roger Lynn; Robert James Jorgensen; Sun-Chueh Kao and Eric Paul Wasserman. Gas phase polymerization reaction utilizing soluble unsupported catalysts.

18th October 1993

740/MAS/93. K.B. Manojkumar. Amplification of the audio signals of a radio.

741/MAS/93. Rhone-Poulenc Chimie. Process for converting soluble thorium compounds into thorium phosphate.

742/MAS/93. Lakshmi Machine Works Limited. A device to interrupt the continuous flow of roving to the drafting zone during yarn breaks.

19th October 1993

743/MAS/93. Rieter Ingolstadt. Bearing for an open-end spinning rotor.

20th October 1993

744/MAS/93. Millmore Engineering Private Limited. An improved husk separator.

745/MAS/93. Lucas Industries, Public Limited Company. Internal shoe drum brake (October 22, 1992; United Kingdom).

746/MAS/93. Ital Traco S.R.L. Device and method to separate the components in mixtures of non-miscible liquids.

747/MAS/93. American Telephone and Telegraph Company. Small wireless telecommunications system. (June 29, 1993; Canada).

21st October 1993

748/MAS/93. Sharad K. Bansal, Suresh P. Chhajer, R. Devakibalan, R. Rajesh. Hot-line telolinks network.

749/MAS/93. Kristapp Mahadevappa Gada. Tractor drawn adjustable seed-cum-fertilizer drill.

750/MAS/93. Buss AG. Process for the further processing of the vacuum residue in a crude oil refinery.

751/MAS/93. Hoogovens Groep BV. Hot-blast main for hot-blast stove system of a blast furnace.

752/MAS/93. TV Answer International, Inc. Interactive nationwide video data service communication system for stationary and mobile battery separated subscriber units.

753/MAS/93. FMC Corporation. Quick-test valve assembly and method.

22nd October 1993

754/MAS/93. Tamil Nadu Newsprint And Papers Limited. Xylanase Enzyme from fungus TNPL 192 to achieve high brightness of kraft pulps.

755/MAS/93. Tamil Nadu Newsprint And Papers Limited. High-yield ammonia pulping of bagasse.

756/MAS/93. Dr.-Ing Reinhart von Nordenskiöld. Process and device for the purification of waste water.

757/MAS/93. Henkel Kommanditgesellschaft auf Aktien. A process for the simplified purification of useful materials and mixtures of useful materials from the field of wetting agents, detergents and/or cleaning products and associated useful materials.

#### ALTERATION OF DATE

The Application No. 218/BOM/1991 (172835) has been ante-dated to 23rd March, 1990 under section 16 of the Patents Act 1970.

#### COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the Applications concerned, may, at any time within four months of the date of this issue or within such further period not exceeding one month applied for on Form-14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months, given notice to the Controller of Patents at the appropriate office on the prescribed Form-15, of such opposition. The written statement of opposition should be filed alongwith the said notice or within one month of its date as prescribed in Rule-36 of the Patents Rules, 1972.

The classifications given below in respect of each specification are according to Indian Classification and International Classification.

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#### स्वीकृत सम्पूर्ण विनिर्देश

एतद्वारा यह सूचना दी जाती है कि सम्बन्ध आवेदनों में से किसी पर पेटेंट अनुदान का विरोध करने के इच्छुक कोई व्यक्ति, इसके निर्गम की तिथि में चार(4) महीने या अग्रिमएसी अवधि जो उक्त 4 महीने की अवधि की समाप्ति के पूर्व पेटेंट नियम, 1972 के तहत विहित प्रपत्र 14 पर आवेदित एक महीने की अवधि से अधिक न हो, के भीतर कभी भी नियंत्रक, एकत्र कर्त उपयुक्त कार्यालय को ऐसे विरोध की सूचना विहित प्रपत्र 15 पर दे सकते हैं। विरोध संबंधी लिखित दस्तावेज, उक्त सूचना के साथ पेटेंट नियम, 1972 के नियम 36 में यथाविहित इसकी तिथि के एक महीने के भीतर ही फाइल किए जाने चाहिए।

“प्रत्येक विनिर्देश के संदर्भ में नीचे दिए वर्गीकरण, भारतीय वर्गीकरण तथा अंतरराष्ट्रीय वर्गीकरण के अनुरूप हैं।”

स्वीकृत (चित्र आरेखों) की फोटो प्रतियां यदि कोई हों, के साथ विनिर्देशों की टीकित अथवा फोटो प्रतियों की आपूर्ति पेटेंट कार्यालय, कलकत्ता अथवा उपयुक्त शाखा कार्यालय द्वारा विहित लिप्यान्तरण प्रभार, जिसमें उक्त कार्यालय से पत्र-व्यवहार द्वारा सुनिश्चित करने के उपरांत उसकी अदायगी पर की जा सकती है। विनिर्देश की पृष्ठ संख्या के साथ प्रत्येक स्वीकृत विनिर्देश के सामने नीचे वर्णित चित्र आरेख कार्यों को जोड़कर उसे 2 से गुणा करके; (क्योंकि प्रत्येक पृष्ठ का लिप्यान्तरण प्रभार 2/- रु. है) फोटो लिप्यान्तरण प्रभार का परिकलन किया जा सकता है।

Ind. Cl. 48-A [GROUP—LVIII(3)]

172821

Int. Cl.<sup>1</sup> : H 01 B 11/22.

AN APPARATUS FOR MANUFACTURING A TUBULAR MEMBER WITH AT LEAST ONE OPTICAL FIBRE MEMBER INSTALLED THEREIN AND A METHOD OF MANUFACTURING THE SAME.

Applicants : (1) BICC Plc., OF DEVONSHIRE HOUSE, MAYFAIR PLACE, LONDON W1X 5PH, ENGLAND AND (2) CORNING LIMITED, OF WEAR GLASS WORKS, SUNDERLAND, SR4 6EJ, ENGLAND, BOTH BRITISH COMPANIES.

Inventors : (1) RODNEY JOHN DAVEY AND (2) JOHN ALFRED TANSEY.

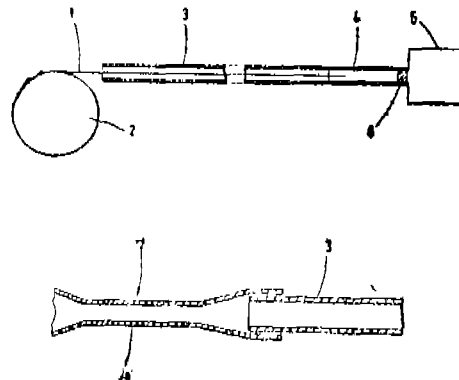
Application No. 826/MAS/88 filed November 24, 1988.

Convention date : November 25, 1987; (No. 87 27579; United Kingdom).

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

#### 13 Claims

An apparatus for manufacturing a tubular member with at least one optical fibre member (1) installed therein, comprising means (2, 7) for introducing the leading end of the optical fibre member into a first end of the said tubular member and a source of reduced pressure (5) connected to a second end of the said tubular member to create a flow of air travelling from the said first end to the said second end, the air flowing over the outer surface of the said optical fibre member to exert a viscous drag force thereon to propel the said optical fibre member in the direction of flow of the air.



(Com. 12 pages;

Drwgs. 1 sheet)

Ind. Class-33-C-[GROUP-XXXIII(3)]

172822

Ind. Cl.-158-B2 & 3-[GROUP-LII(2)]

172823

Int. Cl.-C 08 K 3/36; 3:40

# A METHOD FOR PRODUCING A SHAPED ARTICLE OF RESIN BONDED SAND

Applicant: ACME RESIN CORPORATION, A DELAWARE CORPORATION OF 10330 W. ROOSEVELT ROAD, WESTCHESTER, ILLINOIS-60153, U.S.A.

Inventors : (1) SUBRAMANIAM RAJA IYER, (2) RICHARD C COOKE, (3) GALVIN II JHONSON

Application No. 907/MAS/88 filed December 21, 1988.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

## 19 Claims (No drawing)

A method for producing a shaped article of resin bonded sand in which at least 40% of the sand in the said article is reclaimed sand, the method comprising the steps of preparing a mixture of (a) sand with at least 40% by weight of reclaimed sand; (b) a curable binder comprising a solvents and an alkaline phenolic-resin solids that is curable at ambient temperature by a curing agent having ester functionality and having solid content in the range of 33% to 47% by weight and (c) a curing agent having an ester functionality that is capable of curing the said alkaline phenolic resin at ambient temperature, shaping the said mixture followed by curing at ambient temperature and recovering free following sand granules in a known manner.

(Com. Specn. 45 pages;

Int. Cl.-B 61 G 9/00

# AN APPARATUS FOR USE IN RECONDITIONING A WORN FRICTION CLUTCH MECHANISM.

Applicant : AMERICAN STANDARD INC., A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, U.S.A., OF 40 WEST 40TH STREET, NEW YORK, NEW YORK 10018, UNITED STATES OF AMERICA.

Inventor: PETER A. LOONAM

Application No. 917-MAS/88 filed December 26, 1988.

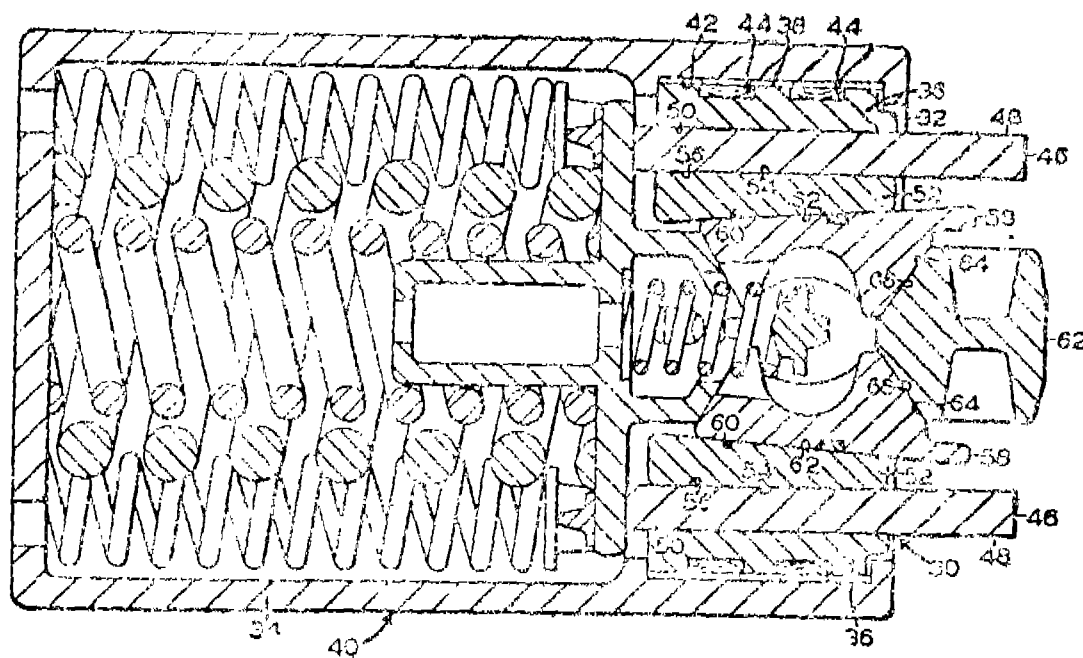
Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

## 29 Claims

An apparatus for use in reconditioning a worn friction clutch mechanism positioned adjacent an open end of a housing member of a railway car draft gear assembly to restore such worn friction clutch mechanism to a useable capacity, said friction clutch mechanism having at least one outer stationary plate with an outer surface and at least one cavity in said outer surface, said apparatus comprising:

(a) at least one generally rectangular and substantially flat plate member having a predetermined length, a predetermined width, a predetermined thickness and a predetermined flatness; and

(b) at least one protuberance disposed on one side of said flat plate member said protuberance being located in a predetermined position with respect to one preselected corner of said flat plate member, said protuberance extending outwardly from a first surface of the one side of said flat plate member a predetermined distance, the said protuberance having a predetermined diameter and extending into the said cavity in the outer surface of the said outer stationary plate.



(Com. Specn. 30 pages;

Drwgs. 3 sheets)

Ind. Cl.-65-B<sub>2</sub> [GROUP-LVII(2)]

172824

Int. Cl.<sup>4</sup>-H 01 F 3/04**METHOD FOR MANUFACTURING RECTANGULAR-WOUND TRANSFORMER CORES.**

Applicant: DAIHEN CORPORATION, OF 1-11, TAGAWA 21 CHOME, YODOGAWA-KU, OSAKA-SHI, OSAKA, JAPAN, A JAPANESE COMPANY.

Inventors: (1) YASUO YAMAMOTO, (2) KATSUMI HANAOKA, (3) MASATAKA HIRAI, (4) NOBUYUKI SUMIDA, (5) MASATAKE KOKADO

Application No. 557/MAS/89 filed July 28, 1989.

Appropriate Office for Opposition Proceedings (Rule 4. Patents Rules, 1972), Patent Office, Madras Branch.

**10 Claims**

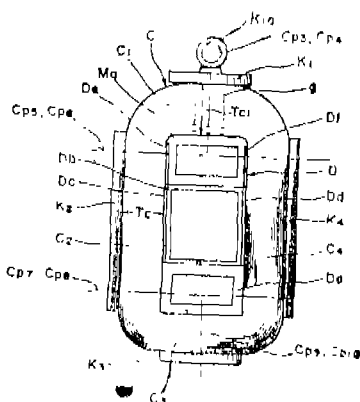
A method for manufacturing rectangular wound transformer cores wherein plural lamination blocks are formed respectively by laminating plural lamination units each of which is formed by laminating a predetermined number of cut strips of an amorphous magnetic alloy and said plural lamination blocks are built up to a substantially rectangular wound core by stacking them and by jointing respective ends of individual lamination units of each lamination block in an overlapped state comprising the steps of,

forming at least one developed lamination body by cutting off at least one ring-like lamination body at a position there of in a radial direction which is formed by winding a strip of an amorphous magnetic alloy around a substantially circular bobbin,

applying adhesive agent to one of the cut ends of said at least one developed lamination body,

forming said lamination blocks by separating said at least one developed lamination body into said plural lamination units and by shifting them in the length-wise direction by a predetermined distance, and

jointing both ends of each of said lamination units belonging to one of said plural lamination blocks in an overlapped state by winding each lamination blocks around a shaping bobbin for shaping said plural lamination blocks by winding them therearound in the order from the shortest one to the longest one wherein each of said plural lamination blocks is wound up from the cut end side to which the adhesive agent has been applied.



Ind. Cl. : 131-A<sub>3</sub> [GROUP—XXVIII(3)]

172826

10 Claims

Int. Cl.<sup>4</sup> : G 01 V 1/135.

A SYSTEM FOR ACQUIRING AND RECEIVING SIGNALS IN A WELL OR DRILLING.

Applicant: INSTITUT FRANCAIS DU PETROLE, A FRENCH BODY CORPORATE, OF 4, AVENUE DE BOIS PREAU, 92502, RUEIL-MALMAISON, FRANCE.

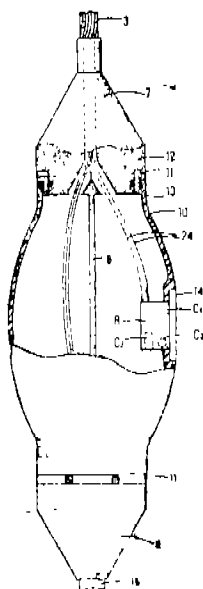
Inventor: PATRICK MEYNIER.

Application No. 675/MAS/89 filed September 12, 1989.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972). Patent Office, Madras Branch.

15 Claims

System for acquiring and receiving signals in a well or drilling, comprising at least one closed expansible chamber lowered into the well at the extremity of a bearer-cable, said chamber being provided with a ductible wall, means for intermittently injecting a compressed fluid into the chamber so as to expand the latter and bring the ductible wall into contact with the walls of the well and at least one signal receiving element secured to said wall so as to be coupled with the formations traversed by the well in an expansion position of said chamber.



(Com, Specn. 14 pages;

Drwgs. 2 sheets)

Ind. Cl. : 65 B2 [LVII(2)]

172827

Int. Cl.<sup>4</sup> : H 01 F 3/04, 28/26.

STATIONARY INDUCTION ELECTRIC APPARATUS AND MANUFACTURING METHOD THEREFOR.

Applicants: DAIHEN CORPORATION, OF 1-11, TAGAWA 2-CHOME YODOGAWA-KU OSAKA-SHI, OSAKA, JAPAN.

A JAPANESE CORPORATION.

Inventors :

YASUO YAMAMOTO.  
KATSUMI HANAOKA.  
MASATAKE HIRAI.  
TOSHIKO YAMADA.

Application No. 677/MAS/89 filed on 12th September 1989.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, Madras.

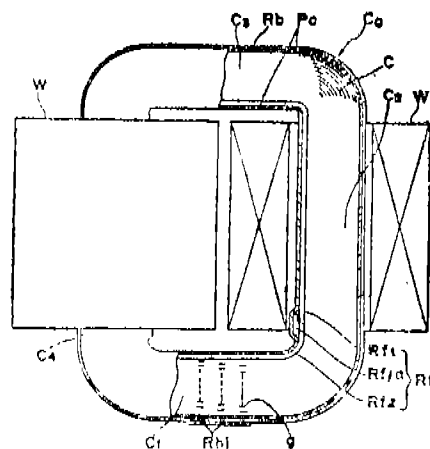
A stationary induction electric apparatus, wherein plural lamination blocks are formed respectively by laminating plural lamination units, each of which is formed by laminating a predetermined number of cut strips of an amorphous magnetic alloy, said plural lamination blocks are built up into a substantially rectangular wound core by piling them up and by joining respective ends of individual lamination units of each lamination block in an overlapped state to position the joint portion thereof on one side of the rectangular wound core, one side having the joint portion and another opposing side are made as yoke portions respectively, and both two sides positioned between the yoke portions are made as leg portions respectively, said apparatus comprising :

a reinforcement frame mounted on the inner peripheral surface of said rectangular core;

a protective cover covering both said rectangular core and said reinforcement frame, said protective cover made of an insulating material;

a reinforcement band wound around the outer peripheral surface of said rectangular core on which said protective cover is mounted to be fixed; and

windings fitted around the leg portions of said rectangular core on which said reinforcement frame, said protective cover and said reinforcement band are mounted.



(Comp. Specn. 60 pages;

Drgs. 17 sheets)

Ind. Cl. : 37-A [GROUP—XXXIV(1)]

172828

Int. Cl.<sup>4</sup> : B 04 C 5/04.

AN APPARATUS FOR SEPARATING SOLID PARTICLES FROM A MIXTURE OF FLUID AND SOLID PARTICLES.

Applicant: SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ BV., A NETHERLANDS COMPANY, OF CAREL VAN BYLANDTLAAN 30, 2396 HR THE HAGUE, THE NETHERLANDS.

Inventor: HENDRIKUS EGIDIUS ANTONIA VAN DEN AKKER.

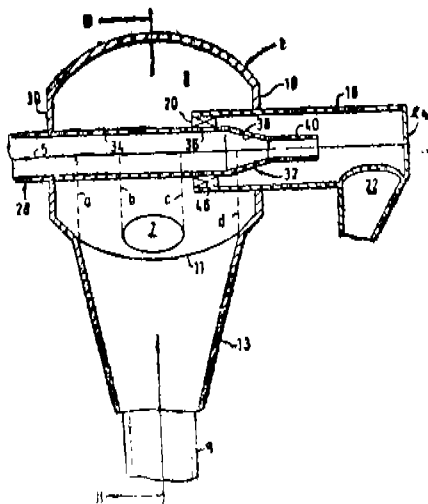
Application No. 702/MAS/89 filed September 20, 1989.

Convention date: September 22, 1988; (No. 8822350; United Kingdom).

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

## 12 Claims

An apparatus for separating solid particles from a mixture of fluid and solid particles, comprising a swirl chamber having a curved side wall provided with a tangential inlet for the mixture and a first solids outlet, and two opposite end walls, and a cyclone separator having a common central longitudinal axis with the said swirl chamber, said cyclone separator comprises a swirl tube extending through an end wall into the said swirl chamber, said swirl tube having an open end arranged in the said swirl chamber and a second solids outlet arranged outside the said swirl chamber; a fluid outlet tube extending through the opposite end wall into the said swirl chamber and having an inlet part arranged in the said swirl tube; and swirl imparting means arranged in an annular space between the said swirl tube and the inlet part of the said fluid outlet tube, wherein during normal operation of the apparatus the said swirl imparting means induce the mixture to rotate in the same direction as the direction of rotation of the mixture in the said swirl chamber.



(Com. Specn. 13 pages;

Drwgs. 2 sheets)

Int. Cl. 128-I&amp;J [GROUP—XIX(2)]

172829

Int. Cl.<sup>4</sup> : A 61 F 9/06.

METHOD AND A DEVICE FOR MANUFACTURING IN PARTICULAR A CATHODE TUBE MASK BY FORMING A SHEET METAL BLANK, ON A PRESS.

Applicant: SOLLAC, OF IMMEUBLE ELYSEES-LA DEFENSE-29, LE PARVIS, 92072 PUTEAUX, FRANCE, A FRENCH COMPANY.

Inventor: DE SMET GABRIEL.

Application No. 725/MAS/89 filed September 29, 1989.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

## 23 Claims

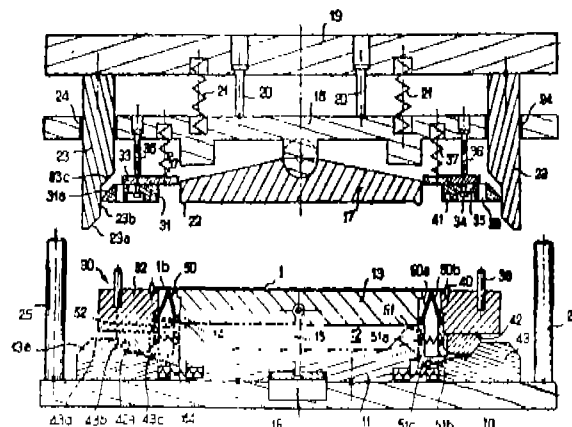
A method for manufacturing in particular a cathode tube mask by forming a sheet-metal blank, on a press, characterised in that:

- the sheet-metal blank (1) is arranged between a deformable punch (17) and a deformable die (13),
- the peripheral part of the sheet-metal blank (1) is held over a small width in a peripheral clamping member (30),
- the central part of the sheet-metal blank (1) is clamped between the deformable punch (17) and the deformable die (13),

— the Central part of the sheet-metal blank (1) is formed, according to a given curvature, by deforming the punch (17) and the die (13) through the action of an upper bearing plate (19) so as to place the mean axis of the sheet-metal blank (1) in a given position, relative to the neutral axis of the punch (17) and die (13) assembly, such that it is possible to produce, at least in localized zones of the said sheet-metal blank (1), an adjustable internal stress,

— a mechanical force is exerted on localized zones of the clamping member (30), moving closer together the opposite elements of the said clamping member so as to produce on the free part (1b) of the sheet-metal blank (1) situated between the punch (17) and die (13) assembly and the clamping member (30), controlled buckling directed by a thrusting force on the peripheral part of the sheet-metal blank (1), while ensuring that the thickness and perimeter of the said sheet metal blank remain substantially constant,

— and at the same time the peripheral zone 1b of the sheet-metal blank (1) is applied and unfurled along the walls of the punch (17) or the die (13), by a relative movement of the clamping member (30) with respect to the punch (17) or to the die (13) so as to obtain the final flanged edge.



(Comp. Specn. 17 pages;

Drwgs 10 sheets)

Ind. Cl. : 15 D [LIV(1)], 163 D [XLIV(3)]

172830

Int. Cl.<sup>4</sup> : F 16 M 1/04.

AXIAL MOUNTING WITH SKEWING COMPENSATION FOR A TURBOMACHINE.

Applicants: ASEA BROWN BOVERI LTD, A SWISS COMPANY, OF BADEN, SWITZERLAND.

Inventor: JOSEF BATTIG.

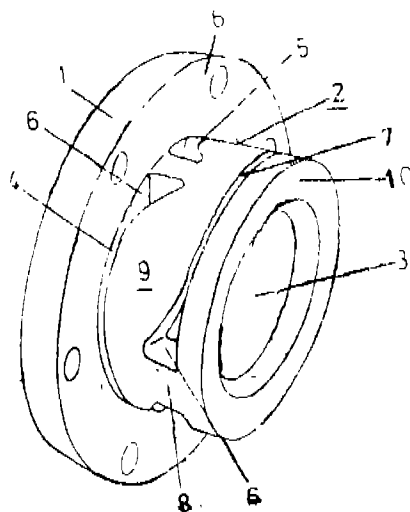
Application No. 744/MAS/89 filed on 11th October 1989.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, Madras.

## 4 Claims

An axial mounting with skewing compensation for a turbomachine with a bearing housing (2) for receiving a radial plain bearing and axial bearing segments and with a fastening flange (1) for fastening the bearing housing (2) in the shaft housing of a rotating machine, wherein the bearing housing (2) is subdivided into a middle housing part (9) adjacent to the said flange (1) and into an outer housing part (10) by means of slots (4, 7; 11, 12) interrupted on the circumference and located in two planes, normal relative to the bearing axis, wherein the ends of the slots (4, 7; 11, 12) are widened in the axis-parallel direction, in such a way that they respectively limit at least one pair of webs (5, 8; 13, 14) located

diametrically opposite one another, and wherein the webs (5, 13) of the one plane are offset relative to the webs (8, 14) of the second plane by half the angular distance (90°, 45°) between two webs (5, 13) located in the same plane and adjacent to one another.



(Comp. Specn. 12 pages;

Drgs. 2 sheets)

Ind. Cl. : 50 A [VII (1)]

172831

Int. Cl. : B 65 D—81/38.

#### A PORTABLE LIQUID CONTAINER.

Applicant : EAGLE FLASK INDUSTRIES LIMITED AN INDIAN COMPANY AT EAGLE ESTATE TALEGAON 410 507 DISTRICT PUNE, MAHARASHTRA STATE, INDIA.

Inventor : NAUSHAD ISMAIL PADMSEE.

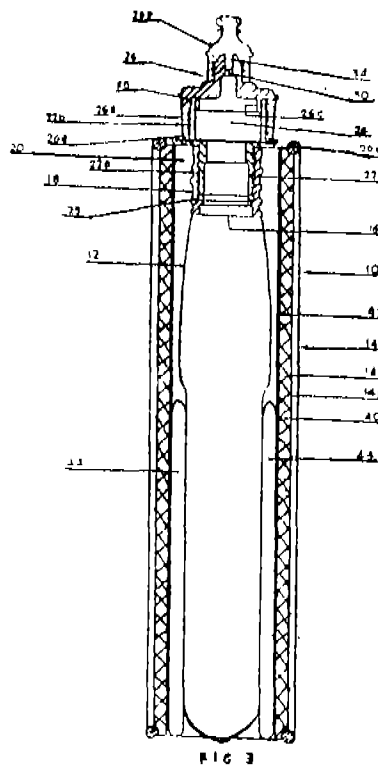
Application No. 207/Bom/1990 filed on 10-8-1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, Bombay-13.

#### 8 Claims

A portable liquid container consisting of a flexible pillow-type liquid containment means comprising a bag formed of flexible sheet material and provided with an aperture and a rigid sleeve fixed to the periphery of said aperture, a flexible outer pouch which receives and holds the liquid containment means therein, said outer pouch being made of flexible material and of double walled construction, a rigid neck element disposed in an opening in said outer pouch and fitted thereto, said neck element comprising a first portion leading into said rigid sleeve, and a second portion, projecting out of said outer pouch, said rigid sleeve being secured to said first portion in a leak proof manner, a two-piece stopper covering said second portion and releasably fixed thereto in a leak-proof manner, polyurethane foam disposed between the walls

of the said outer pouch, aluminium foil disposed in said outer pouch and fixed thereto, and atleast two cooling pads each comprising a satchel containing a freezing solution removably located in pockets formed between said liquid containment means and aluminium foil through a slit formed in said outer pouch remote from said opening, said slit being provided with a zipper and runner combination.



(Comp. Specn. 9 pages;

Drwgs 2 sheets)

Ind. Cl. : 23 B+H. (XL)

172832

Int. Cl. : B 65 D 5/54.

#### PACKING BOX CUM DISPLAY TRAY.

Applicants : WOCKHARDT LTD, POONAM, CHAMBERS, SHIVSAGAR ESTATE, DR. ANNIE BESANT ROAD, BOMBAY-400 018, MAHARASHTRA, INDIA.

Inventor : JUZEP SAIFUDDIN KHORAKIWALA.

Application No. 14/BOM/91 filed on January 15, 1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Branch, Bombay-13.

#### 3 Claims

A packing box-cum-display tray comprising of four side members with bottom and top opening, a rectangular carton box with top cover attached into back side member; from the top edge a slanting perforated line on both side members intersecting horizontal way perforated line on front member, adapted to be cut out the perforated portion to form a display tray.

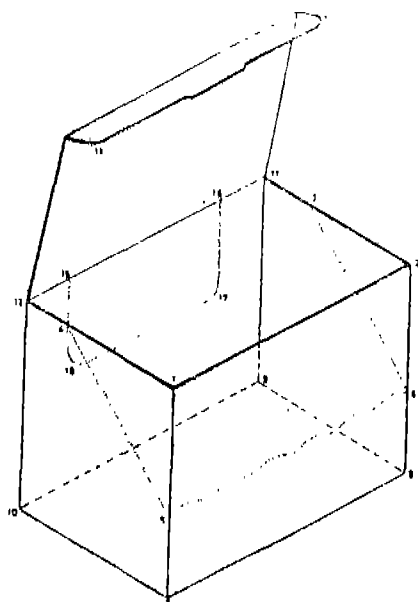


FIG. 1

(Comp. Specn. 6 pages;

Drgs. 3 sheets)

Ind. Cl.: 123 I (4).

172833

Int. Cl.: C 05 F 11/10, C 05 G—1/00.

**COMPREHENSIVE FOLIAR SPRAY COMPOSITION FOR BETTER PLANT GROWTH, HIGH AND QUALITY YIELDS AND TO ENHANCE DISEASE RESISTANCE CAPACITY.**

Applicant & Inventor: DR. RAMESH TRIBHUVANDAS DOSHI JAMUNOTRY, 26TH ROAD BANDRA, BOMBAY-400050, MAHARASHTRA, INDIA.

Application No. 153/Bom/1991 filed on May 23, 1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Bombay Branch.

## 2 Claims

A comprehensive Foliar Spray Composition for better plant growth, high and quality yields and to enhance natural disease resistance capacity, comprising of

(a) Food Group consisting of major nutrients, secondary nutrients and trace elements such as:

Urea	15% to 25% By weight
Potassium Hydrogen Phosphate ( $K_2HPO_4$ )	15% to 25% By weight
Magnesium Sulphate ( $MgSO_4$ )	5% to 15% By weight
Zinc Sulphate ( $ZnSO_4$ )	5% to 10% By weight
Manganese Sulphate ( $MnSO_4$ )	5% to 15% By weight
Copper Sulphate ( $CuSO_4$ )	5% to 10% By weight
Ferrous Sulphate ( $FeSO_4$ )	1% to 5% By weight
Ammonium/Sodium Moly	1% to 5% By weight

Calcium as  $Ca(OH)_2$  . . . 5% to 15%  
By weight

Sulphur Products such as  
Sulphate of Potash . . . 5% to 15%  
By weight

Glucose . . . 5% to 10%  
By weight

Vitamin material . . . 10% to 15%  
By weight

each of the above said ingredients separately dissolved in solvents such as demineralised water, distilled water and filtered and then mixed to make a homogenous liquid mixture of the Food Group;

(b) Hormone Group comprising of hormones and enzymes such as:

Gibberlines—G.A.—Gibberlic Acid.

Cytokinins—6 B.A.—Benzylamino/Benzimidazole.

Auxins—I.A.A. and N.A.—Indole Acetic Acid, Naphthylacetic, Ascorbic Acid each of the above ingredients taken in equal quantities and separately dissolved in solvents such as absolute alcohol, acetone and after allowing to set, the same is filtered and mixed to form a homogenous liquid mixture of the hormone Group, the said liquid hormone group being 5 to 15% by weight of the total weight of the said liquid food group;

(c) catalysts comprising of plant origin ingredients, such as herein described or animal origin ingredients, such as herein described or chemical origin ingredients, such as herein described or a mixture of two or more materials thereof the above said catalysts dissolved in solvents, such as lukewarm water having neutral P.H., Isopropyl Alcohol, the said catalysts being 1 to 5% by weight of the total weight of the said liquid food group.

(Comp. Specn. 10 pages;

Drwgs Nil)

Ind. Cl.: 22 [XL (2)]

172834

179 [XL (6)]

Int. Cl.: B 67 B—7/86.

**AN IMPROVED CONTAINER HAVING INTEGRAL SEALING MEANS.**

Applicants: CRISANA SYNTHETICS PRIVATE LIMITED, BHARAT PETROLEUM INSTALLATION, WADI BUNDER, BOMBAY 400010, MAHARASHTRA, INDIA.

Inventor: KRIPA SHANKER KHANNA.

Application No. 181/BOM/1991. Filed on Jun 20, 1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office Branch, Bombay-13.

## 3 Claims

An improved container having integral sealing means, comprises—

a main vertical longitudinal body having at least top and rectangular and flexible;

all four corners of the said rectangular and flexible end having guides with tendency of directing the side walls inwardly; and

at the centre of at least two opposite walls having guides with tendency of moving the walls in a direction opposite to the tendency of said guides at the four corners.

(Comp. Specn. 5 pages.

Drgs. 1 sheet)

Ind. Cl. : 189 Gr. [LXVI (9)]

172835

Int. Cl. : A 61 K 7/00.

**WAX COMPOSITIONS AND COSMETIC PREPARATIONS COMPRISING THE SAME.**

Applicants: HINDUSTAN LEVER LIMITED OF HINDUSTAN LEVER HOUSE 165/166, BACKBAY RECLAMATION BOMBAY-400 020, MAHARASHTRA, INDIA A COMPANY INCORPORATED UNDER INDIAN COMPANIES ACT, 1913.

Inventors: (1) HANS MARCEL BRAND AND (2) ROBERT PIETER ROGGEVEEN.

Application No. 218/Bom/1991 filed on 24th July 1991.

Divisional to No. 67/Bom/1990 dated 23-3-1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patents, Rules, 1972) Patent Office Branch, Bombay-13.

**8 Claims**

A wax composition, characterized in that the composition in addition to other wax components such as herein described comprises a diester of the formula:

$\text{CH}_3 - (\text{CH}_2)_5 - \text{CH} (\text{OOC} \text{K}_1) - (\text{CH}_2)_{10} - \text{COOR}_2$ ,  
in which  $\text{K}_1$  is a saturated, branched chain hydrocarbon radical having 15 to 21 carbon atoms and  $\text{K}_2$  is a saturated, branched chain hydrocarbon radical having 8 to 22 carbon atoms.

(Comp. Specn. 15 pages;

Drwgs Nil)

Ind. Cl. : 98 I Gr. [VII (2)]

172836

Int. Cl. : F 24 J—2/16.

**AN IMPROVED FLAT PLATE SOLAR WATER HEATER.**

Applicants: PRIYAL KHANDERAO KULKARNI, MUMUK, 64/17, EKANDAVANE, PUNE 411 004, MAHARASHTRA STATE, INDIA.

Application No. 229/BOM/91 filed Aug 8, 1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office Branch, Bombay-13.

**2 Claims**

An improved flat plate solar water heater comprising a rectangular trough formed from glass reinforced cement, the trough having a base, a rim around and a flange, the said base of the trough has a number of longitudinal, shallow and wide channels with intervening ridges along the length of the trough and shallow channels along the width at the ends of the trough, serving as lower and upper manifolds provided with inlet and outlet for water and on the back side of the said trough are provided webs along the periphery and at the centre of the trough to give the trough adequate strength against hydrostatic pressure and the said longitudinal channels and manifolds are covered with a metal sheet so as to form conduits for passage of water and the lower surface of the edges of the said metal sheet are fixed on the base of the trough with a layer of epoxy adhesive and the edges of the metal sheet are further pressed firmly on the base of the trough with a number of clamps formed of a metal flat with bolts welded at its ends, the bolts passing through the base of the trough and tightened, the edges of the metal sheet are covered with a bead of epoxy adhesive and chopped glass fibre and further a number of bolts, passing through the metal sheet and the said ridges on the trough are tightened to hold these together against hydrostatic pressure and on the said flange of the trough is fitted with adhesive, a tee made from elastic material and a glass sheet with rigid U channel

fitted on its periphery covers the trough and the leg of tee engaging into the channel.

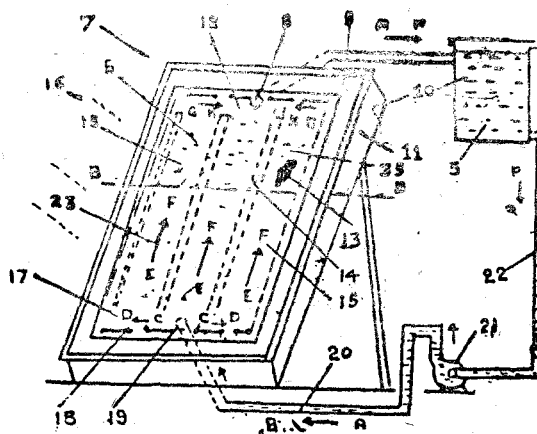


FIG 3

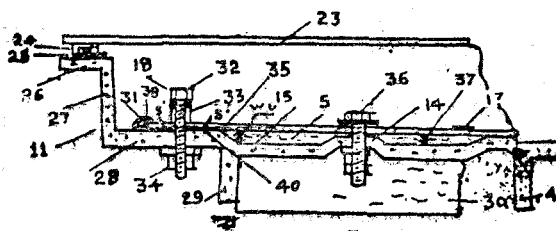


FIG 5

(Comp. Specn. 12 pages.

Drws. 2 sheets)

Ind. Cl. : 64 B<sub>2</sub> [LVIII]

172837

Int. Cl. : Ho 1 R 9/03.

**CONNECTOR BLOCK FOR CABLE DISTRIBUTION HEADS AND THE LIKE AND THE COMPLETE TELECOMMUNICATION DISTRIBUTION BOX IN CORPORATING PLURALITY OF SAID CONNECTOR BLOCKS.**

Applicants: RAMESH VISHANDAS PANJWANI & RAM THAVANDAS BALWANI.

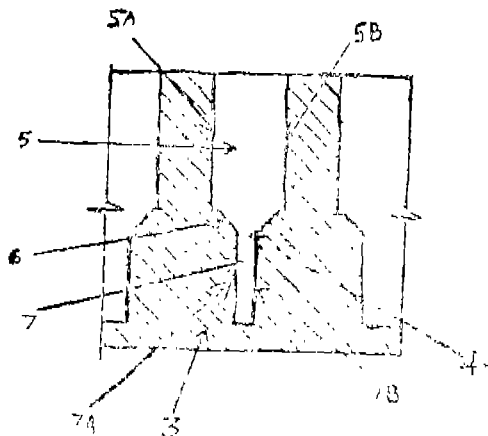
Application No. 250/BOM/91 filed September 3, 1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Branch, Bombay-13.

**4 Claims**

A connector block for cable distribution heads and the like comprising a housing top and a housing bottom, a plurality of detents or catches provided on either side of the longitudinal sides of the housing bottom and corresponding mating openings provided on the sides of the housing top to help in connector block assembly; a plurality of a protective supports provided on the side faces of the housing top forming a plurality of housing unit or receptacles in parallel rows in the said housing top and the said housing bottom when assembled together; a plurality of solderless, non screwtype and stripping free terminal elements provided inclinedly and parallelly with in the said housing unit or receptacles, each of the said terminal elements being formed, with a contact slot defined between a pair of resilient lugs, the said slot having a wider opening at one end for connecting drop wire cables

and a narrower opening at the other end for terminating cable wires.



(Comp. Specn. 6 pages;

Drgs. 3 sheets)

Ind. Cl. : 89 [XLI (6)]

172838

Int. Cl. : GOLF-23/00,

**AN APPARATUS TO ASCERTAIN THE QUANTUM OF GAS AND ALSO TO ASCERTAIN LEAKAGE IN THE PASSAGE OF LPG FROM CYLINDER TO GAS STOVE.**

Applicant & Inventors: ASHOK JYOTIPRASAD ROSHA AND RAHUL ASHOK ROSHA, PLOT NO. 71, TELCO, SR. OFFICER' CO-OP. HSG. SOCIETY, TELCO COLONY, PIMPRI, PUNE-411 018, MAHARASHTRA STATE, INDIA. A SUBJECT OF THE REPUBLIC OF INDIA.

Application No. 265/BOM/1991 filed on 13-9-1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Branch, Bombay-13.

#### 1 Claim

An apparatus to ascertain the quantum of gas and also to ascertain leakage in the passage of LPG from cylinder to gas stove comprising the main body capable of fitting over the LPG cylinder head valve with the help of suitable locking means characterised in that there is provided a moving spindle in the cavity of the main body, the said moving spindle having a lower arm as well as an upper arm, in the main body there are provided passages for gas to reach upto sidewardly provided gauge and further the gas is capable of existing through the existing regulator onwards to gas stove.

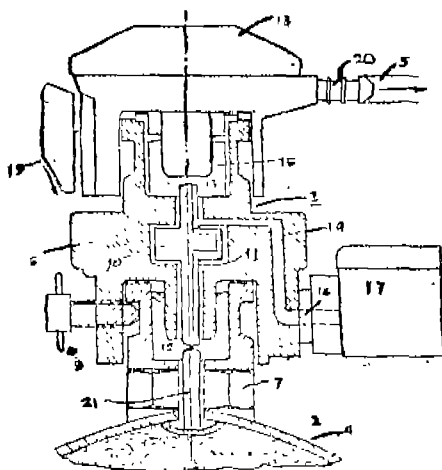


FIG. NO. 1

(Comp. Specn. 6 pages.

Drwgs 3 sheets)

Ind. Cl. : 32 F.0a [IX (1)]

172839

Int. Cl. : C 07 C—85/24, 87/36.

**AN IMPROVED PROCESS FOR THE CONVERSION OF ANILINE TO CYCLOHEXYLAMINE.**

Applicants: HINDUSTAN ORGANIC CHEMICALS LIMITED, RASAYANI, DIST. RAIGAD. PIN-410 207. MAHARASHTRA, INDIA.

Inventors :

- (1) JAGAT KUMAR DAS.
- (2) PRAMOD MADHAV HANAMSHET.
- (3) JYOTIKUMAR GOPAL MHALAS.
- (4) VINOD DJGAMBER SAHASRABUDDHE &
- (5) MUTHUSWAMI SRIRAM.

Application No. 321/BOM/1991 Filed Oct 29, 1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office Branch, Bombay-13.

#### 8 Claims

An improved process for the conversion of aniline to cyclohexylamine which involves hydrogenation of the former in the liquid phase in presence of a supported noble metal catalyst which is carried out at a temperature of about 120° to 240°C preferably at 190° to 210°C and a pressure of about 15 to 100 kg/cm<sup>2</sup>, preferably 57 to 85 kg/cm<sup>2</sup>, under continuous stirring.

(Comp. Specn. 6 pages.

Drgs Nil)

Ind. Cl. : 89 [XLI (6)]

172840

Int. Cl. : GOIH—3/42, 3/52.

**AN IMPROVED COMPOSITE INDENTATION HARDNESS TESTER WITH BUILT IN BASE FOR RUBBER, AND THE LIKE SUBSTANCES SUCH AS SOFT OR HARD PLASTICS AND TEXTILE WOUND PACKAGES.**

Applicant & Inventor: KUMAR PAIRAM BHATIA, 408-A, POONAM APARTMENTS, DR. ANNIE BESANT ROAD, WORLI, BOMBAY-400 018 MAHARASHTRA, INDIA.

Application No. 354/BOM/91 filed November 29, 1991.

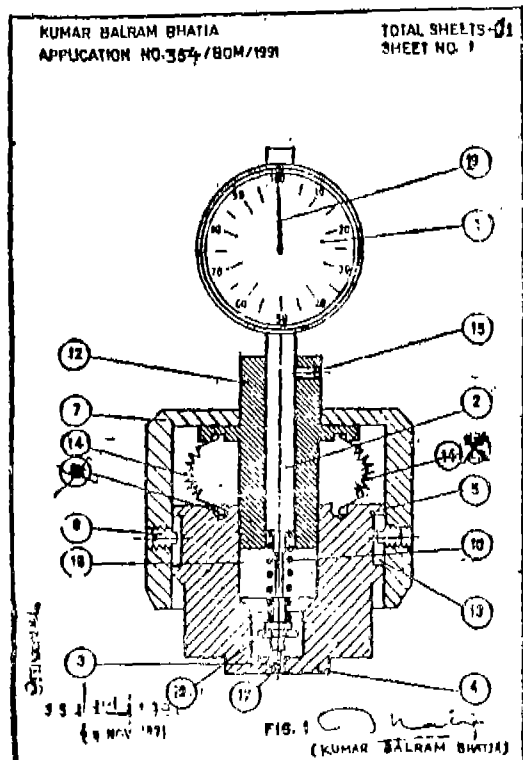
[Patent of Addition to 157/BOH/90, (170499) dt. Jun 18, 1990.]

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Branch, Bombay-13.

#### 2 Claims

An improved composite indentation hardness tester with built-in base for rubber and the like substances as claimed in my main patent No. 170499 dated 18-6-1990 the improvement modification being in replacing the single clamping pressure spring (11), working in compression, by two or more spiral springs (14) provided vertically, in between the top of base (5) and the flange of the bush (12), to give constant

load of buckling, at all the stages of pressure, thereby assuring an absolute constant clamping load on the specimen.



(Comp. Specn. 4 pages;

Drg. 1 sheet)

#### PATENT SEALED 12-11-1993

170132 170766 171207\* 171208 171209\* 171210 171212\*  
171213 171214\* 171216 171217\* 171219 171224 171225  
171227 171228 171229 171232 171233 171235 171236  
171241\* 171242 171244 171245\* 171248 171249 171252  
171253 171255\* 171277 171278 171281 171283 171284  
171287 171288 171289\* 171294 171296.

CAL—14, BOM—03, DEL—21, MAS—02.

\*Patent shall be deemed to be endorsed with the words LICENCE OF RIGHT Under Section 87 of the Patents Act, 1970 from the date of expiration of three years from the date of sealing.

D—DRUG PATENT, F—FOOD PATENT.

#### RENEWAL FEES PAID

151465 152060 152237 152496 153359 153408 153409 153552  
153852 153948 154126 154385 154392 155006 155468 155627  
155678 155939 155975 156026 156155 156460 156459 156463  
156540 156777 156836 156843 157320 157841 157847 157848  
157849 157850 157865 157933 157970 157996 157999 158058  
158085 158132 158135 158278 158334 158468 158483 158488  
158490 158545 158653 158859 158689 158941 158961 158972  
158991 159104 159164 159337 159347 159375 159398 159419  
159479 159540 159567 159618 159619 159746 159757 159858  
159861 159881 159962 160011 160013 160209 160286 160328  
160364 160566 160658 160667 160739 160783 160977 161055  
161058 161172 161208 161209 161277 161296 161412 161522  
161548 161549 161730 161879 162099 162143 162165 162307  
162360 162426 162493 162546 162613 162876 162998 163449

163621 163622 163648 163701 163829 163831 163841 164003  
164016 164102 164188 164202 164276 164280 164404 164459  
164654 165019 165143 165273 165338 165340 165573 165759  
165830 165914 165976 165997 166001 166105 166110 166148  
166162 166186 166287 166432 166458 166477 166555 166657  
166660 166723 166724 166771 166826 166853 166856 166858  
167006 167008 167027 167105 167107 167205 167309 167581  
167587 167628 167629 167630 167685 167868 167869 167924  
167934 167993 167994 168195 168239 168344 168413 168444  
168451 168460 168533 168535 168797 168799 168800 168875  
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#### CESSATION OF PATENTS

159985 161927 164061 165910 168142 170133.

#### RESTORATION PROCEEDINGS

Notice is hereby given that an application for restoration of Patent No. 157841 dated the 30th April 1982 made by USX Engineers & Consultants, Inc. on the 4th December 1992 and notified in the Gazette of India Part III, Section 2, dated the 13th February 1993 has been allowed and the said patent restored.

Notice is hereby given that an application for restoration of Patent No. 159858 dated the 24th May 1983 made by USX Engineers & Consultants, Inc. on the 4th Dec 1992 and notified in the Gazette of India part III, Section 2, dated the 13th February 1993 has been allowed and the said patent restored.

#### REGISTRATION OF ASSIGNMENTS, LICENCES ETC. (Patents)

Assignments, licences or other transaction affecting the interests of the original patentee have been registered in the following cases.

156855—M/s Parvati Ruels Pvt. Ltd.

Assignments, licences or other transaction affecting the interests of the original Patentees have been registered in the following case.

159915—VULKAN KOCKS GMBH.

Assignment licences or other transaction affecting the interests of the original patentee have been registered in the following cases

166538—MORGAN CRUCIBLE COMPANY PLC as licensee.

#### REGISTRATION OF DESIGN

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in the entries is the date of registration in the entry.

Class 1. No. 165181. Amoking Refrigeration Pvt. Ltd. of Samrat Bhawan, Ranjit Nagar Commercial Complex (behind Salyam Cinema), New Delhi-110008, India. "Compressor". January 12, 1993.

Class 1. No. 165253. Parker Pen (Benelux), B.V. of Parkar House, 4817 HL Breda, The Netherlands. "Fountain Pen". February 2, 1993.

Class 1. No. 165511. Mrs. Veena Sakhuja, Fxcel Collections, 1334/9, Durga Chambers, Desh Bandhu Gupta Road, Karol Bagh, New Delhi-5, India, Indian. "Lamp Radio". May 3, 1993.

Class 3. No. 165001. Milton Plastics Ltd., of 58D, Government Industrial Estate, Charkop, Kandivli (West), Bombay-400067, Maharashtra, India. "Feeding Bottle with spoon feeder". November 17, 1992.

Class 3. No. 165221. Abhijat Impex Pvt. Ltd. of Nariman Bhavan, Suite 38B, Nariman Point, Bombay-400021, Maharashtra, India, Indian Co. "Compact fluorescent lamp adaptor". January 29, 1993.

Class 3. No. 165574. Philips Electronics N. V., a limited Company of Groenewoudseweg 1, Eindhoven, The Netherlands. "Citrus Press". April 23, 1993.

Class 3. No. 165280. McNeil-PPC, Inc., Van Liew Avenue, Milltown NJ 08850, U.S.A. "Wrapping Material". February 5, 1993.

Class 3. Nos. 165385 & 165387. Hindustan Lever Limited, 165/166, Backbay Reclamation, Bombay-400020, Maharashtra, India. "Bottle". February 26, 1993.

Class 3. No. 165476. Narayan Deshbandhu Sharan of Shinee Industries of No. 81, 3rd Main Road, Rajajinagar, Industrial Town, Bangalore-560044, Karnataka, India. "Scrub Sponge". March 29, 1993.

Class 3. No. 165542. Sega Enterprises Ltd. of 2-12, Haneda 1-Chome, Ohta-ku, Tokyo, Japan. "Controlling Device for TV Game Machine". April 19, 1993.

Class 3. No. 165570. Colgate-Palmolive Co. of 300 Park Avenue, New York, 10022, U.S.A. "Toothbrush". April 21, 1993.

R. A. ACHARYA

Controller General of Patents, Designs and Trade Marks